



11N40MIMO Ant1 2437 0~Reference



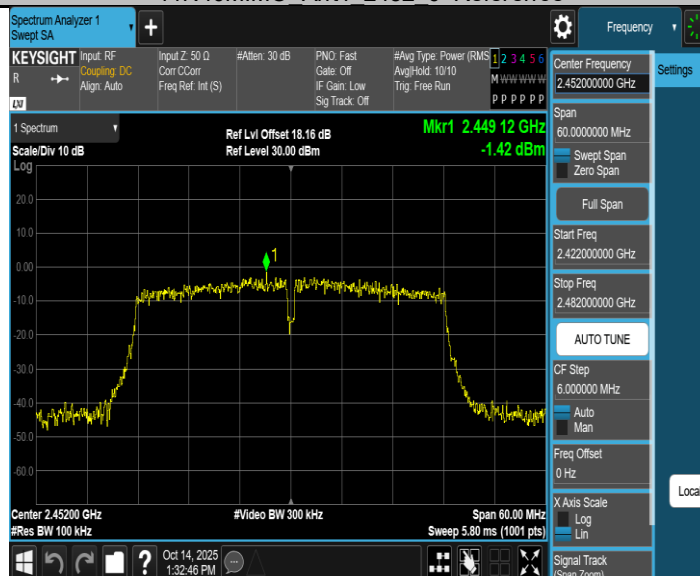
11N40MIMO Ant1 2437 30~1000



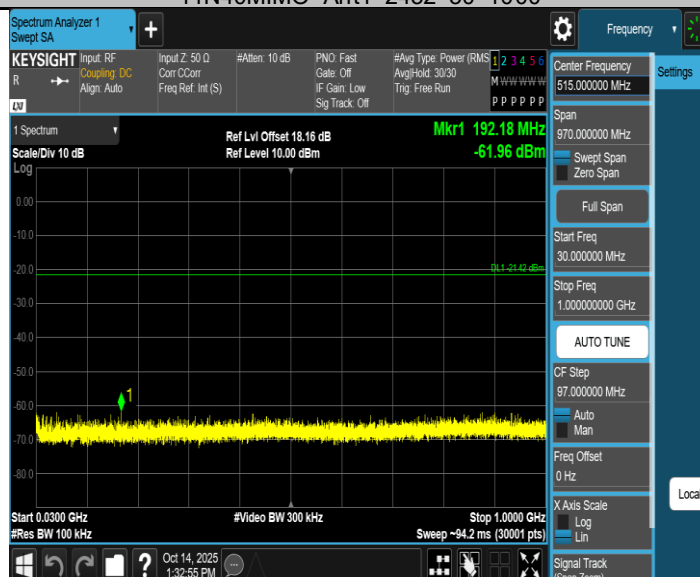
11N40MIMO Ant1 2437 1000~26500



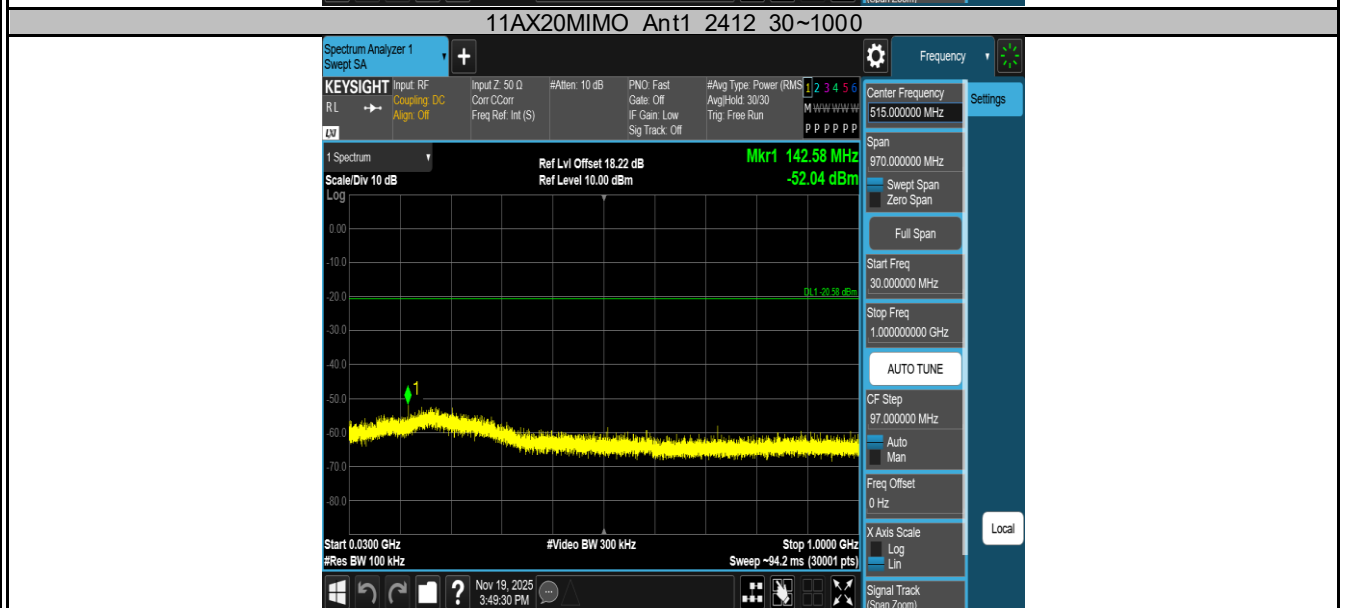
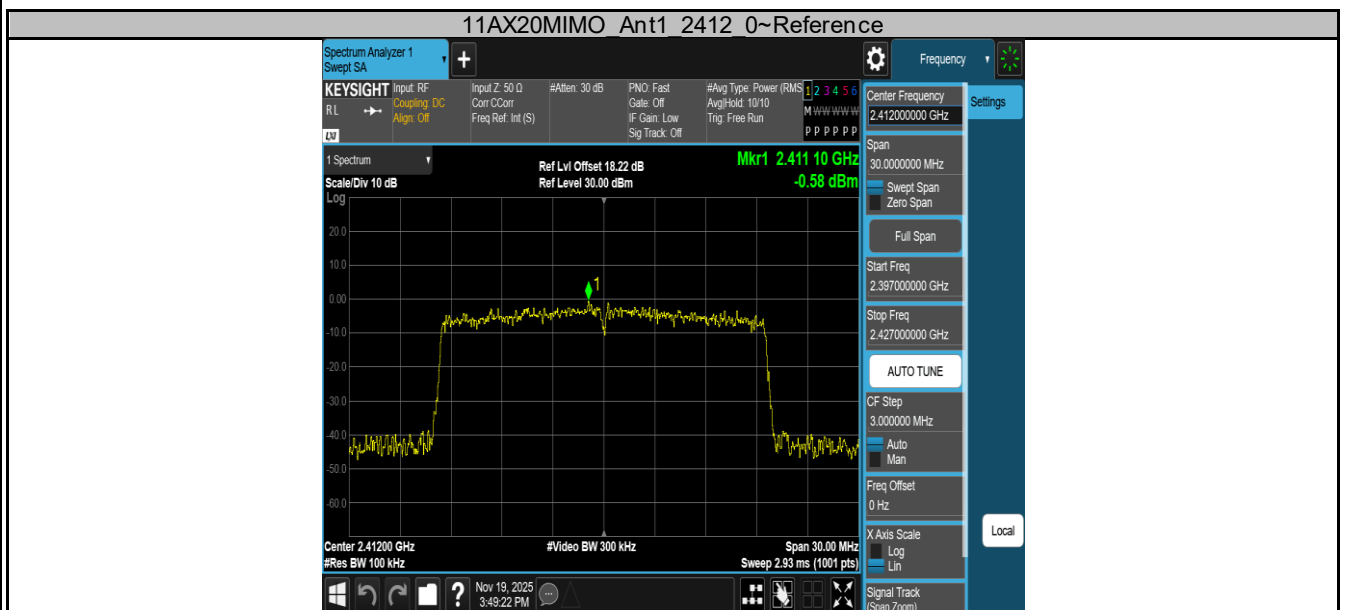
11N40MIMO Ant1 2452 0~Reference



11N40MIMO Ant1 2452 30~1000



11N40MIMO Ant1 2452 1000~26500



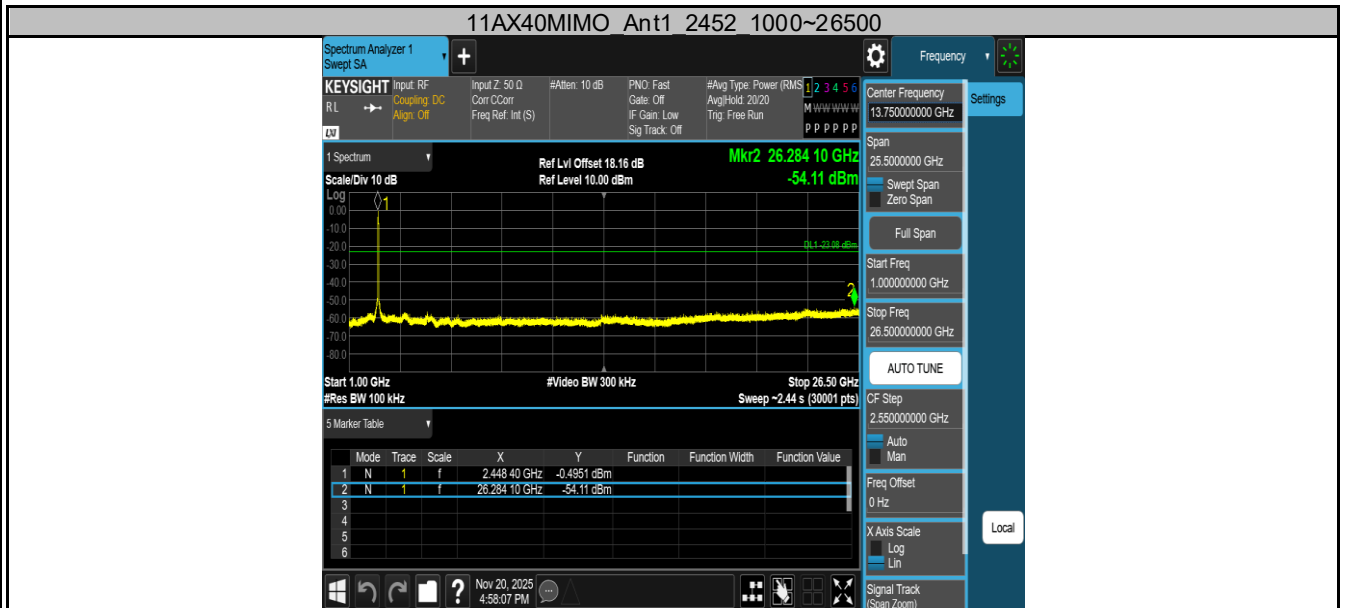












Appendix A.6: Test Results of Radiated Spurious Emissions

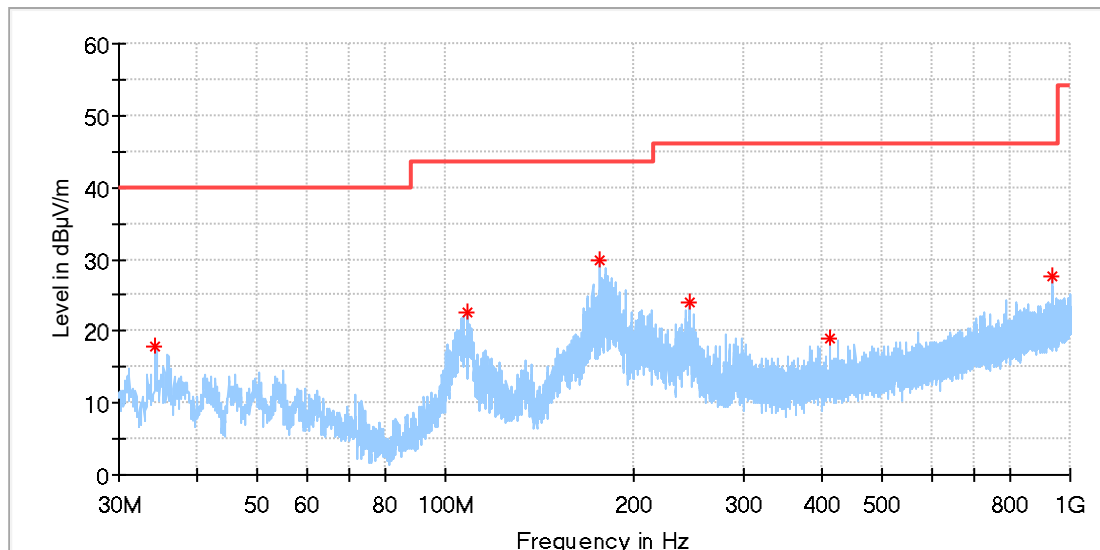
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.
- 3) The worst-case mode of 802.11n and 802.11ax were reported.

30MHz - 1GHz

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

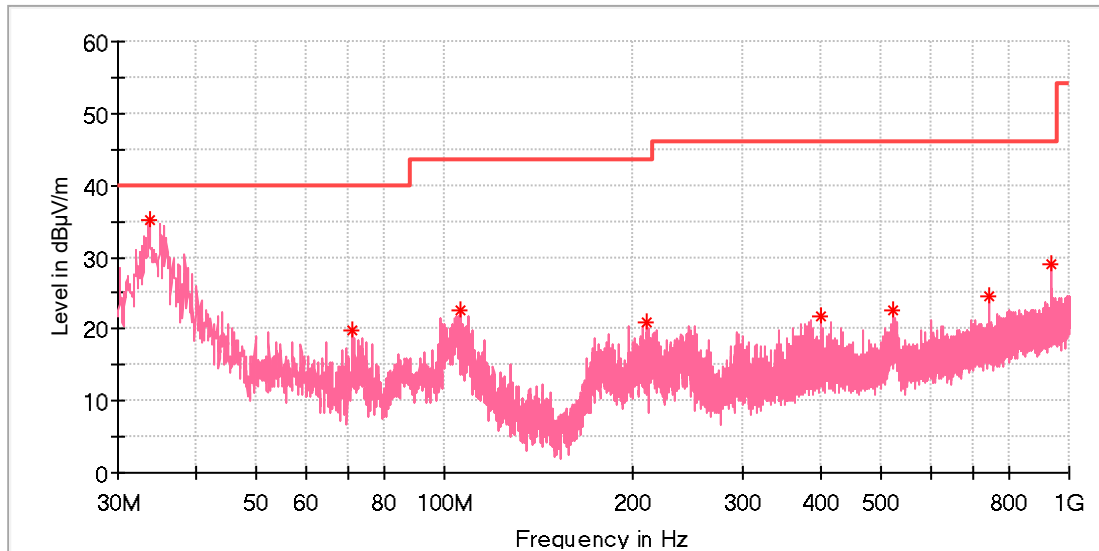
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.365000	17.77	40.00	22.23	100.0	H	345.0	-22.2
108.532692	22.66	43.50	20.84	100.0	H	19.0	-19.1
176.955000	29.74	43.50	13.76	100.0	H	182.0	-20.8
245.787692	23.92	46.00	22.08	100.0	H	244.0	-17.5
411.433846	18.84	46.00	27.16	100.0	H	303.0	-13.5
938.405000	27.57	46.00	18.43	100.0	H	182.0	-4.4

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT0QM2511
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168570821/A004089979-001
Test Voltage: DC 5V From USB
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33.730769	35.27	40.00	4.73	100.0	V	216.0	-22.4
71.187692	19.73	40.00	20.27	100.0	V	164.0	-22.3
105.883846	22.55	43.50	20.95	100.0	V	70.0	-19.0
210.830385	20.96	43.50	22.54	100.0	V	247.0	-18.9
400.241539	21.74	46.00	24.26	100.0	V	6.0	-13.8
522.275000	22.49	46.00	23.51	100.0	V	225.0	-11.4
742.502308	24.43	46.00	21.57	100.0	V	6.0	-7.2
937.546923	28.99	46.00	17.01	100.0	V	196.0	-4.4

Final_Result

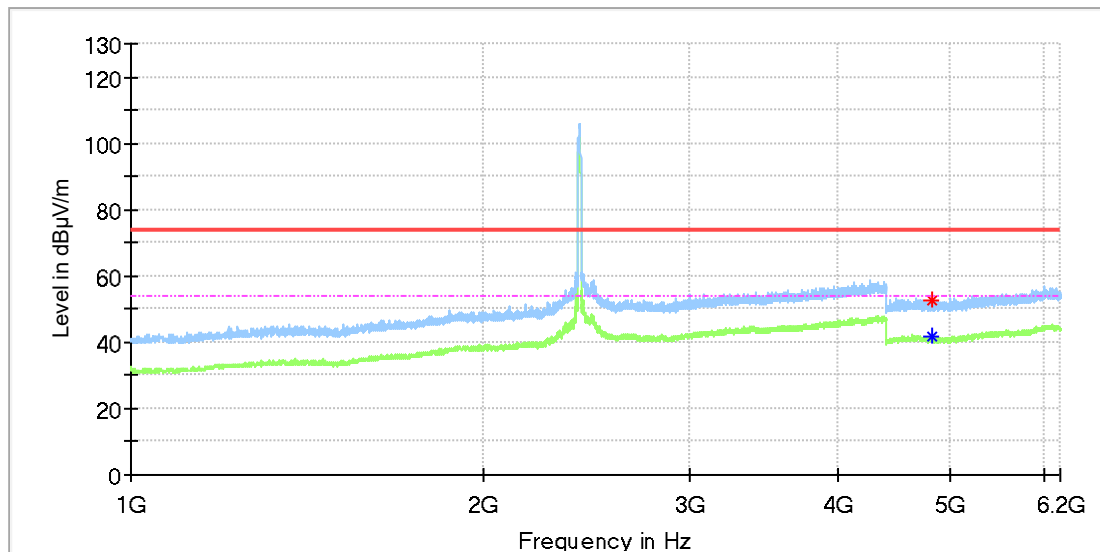
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

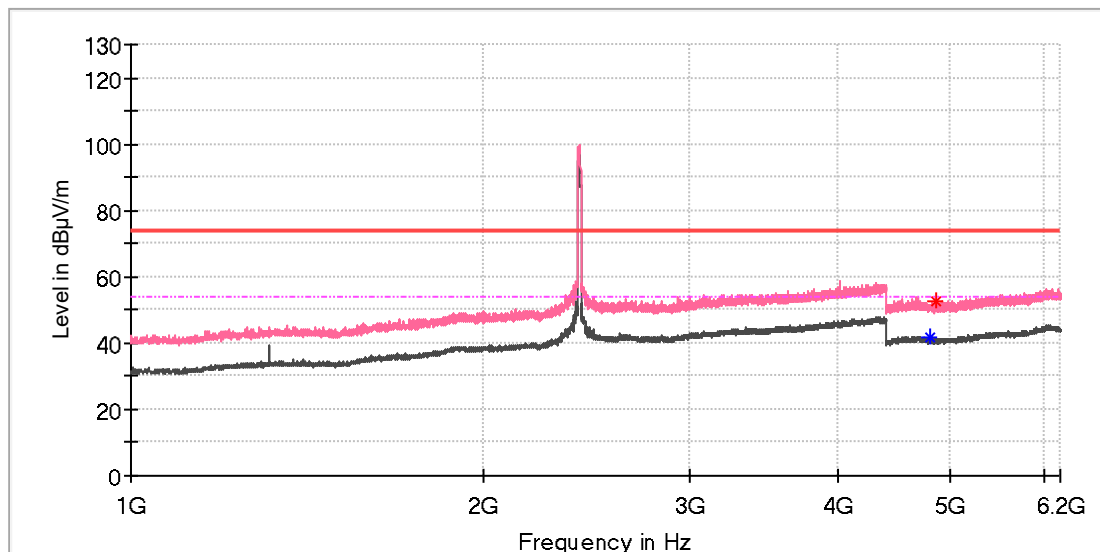
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4811.500000	52.39	---	74.00	21.61	150.0	H	276.0	13.3
4824.000000	---	41.84	54.00	12.16	150.0	H	98.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5	122.0	118.0	120.0	2.0	30.0	V	135.0	0.0

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

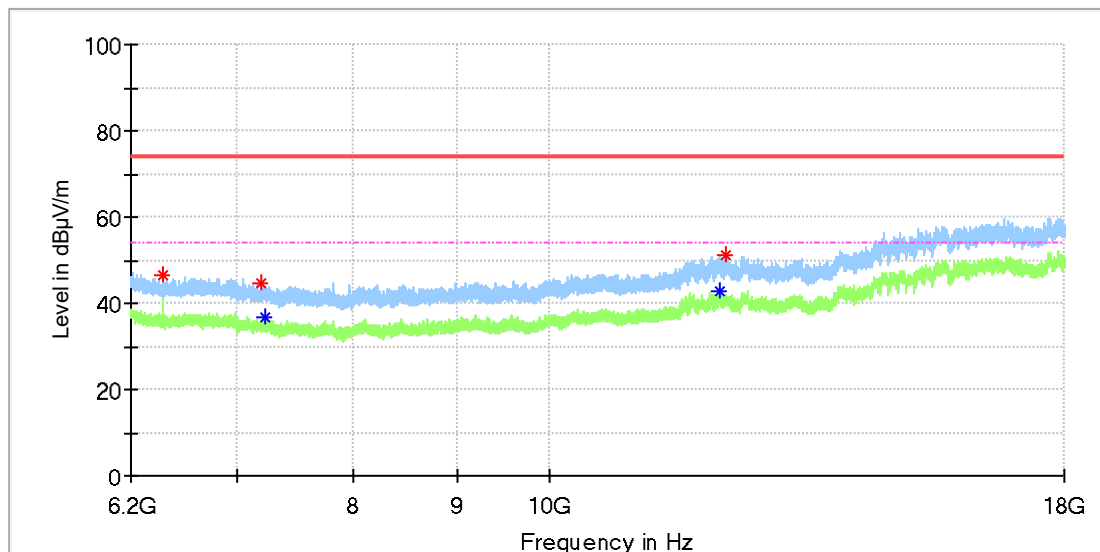
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.000000	---	41.49	54.00	12.51	150.0	V	81.0	13.3
4862.500000	52.63	---	74.00	21.37	150.0	V	223.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7		93.5-93.7	

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

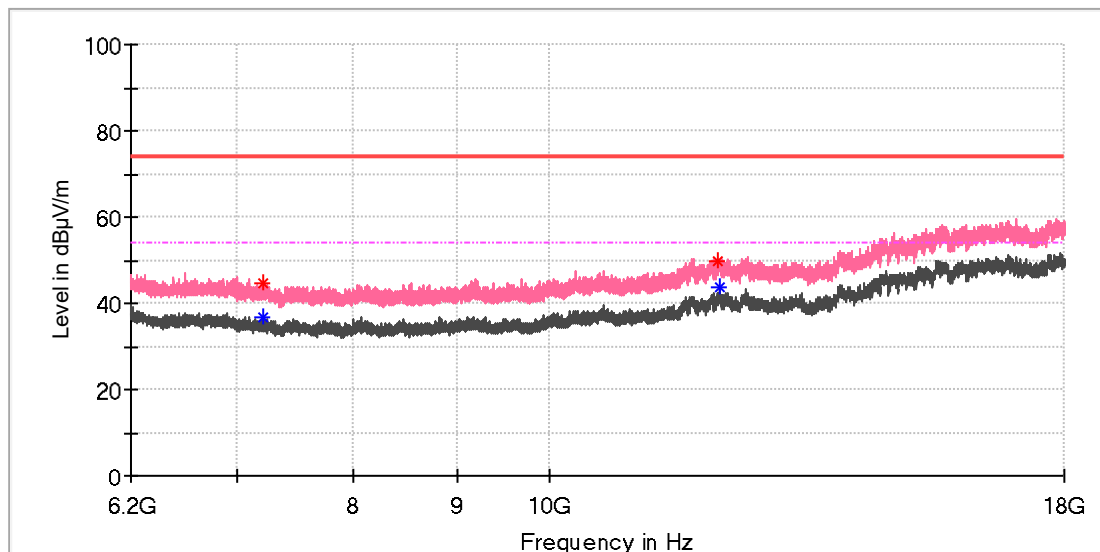
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6431.575000	46.31	---	68.20	21.89	150.0	H	3.0	8.8
7201.525000	44.49	---	74.00	29.51	150.0	H	173.0	8.8
7234.958333	---	36.63	54.00	17.37	150.0	H	92.0	8.6
12157.033333	---	42.83	54.00	11.17	150.0	H	114.0	16.4
12217.016667	51.36	---	74.00	22.64	150.0	H	82.0	15.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.500000	93.500000	93.500000	93.500000	93.500000	93.500000		93.500000	93.500000

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

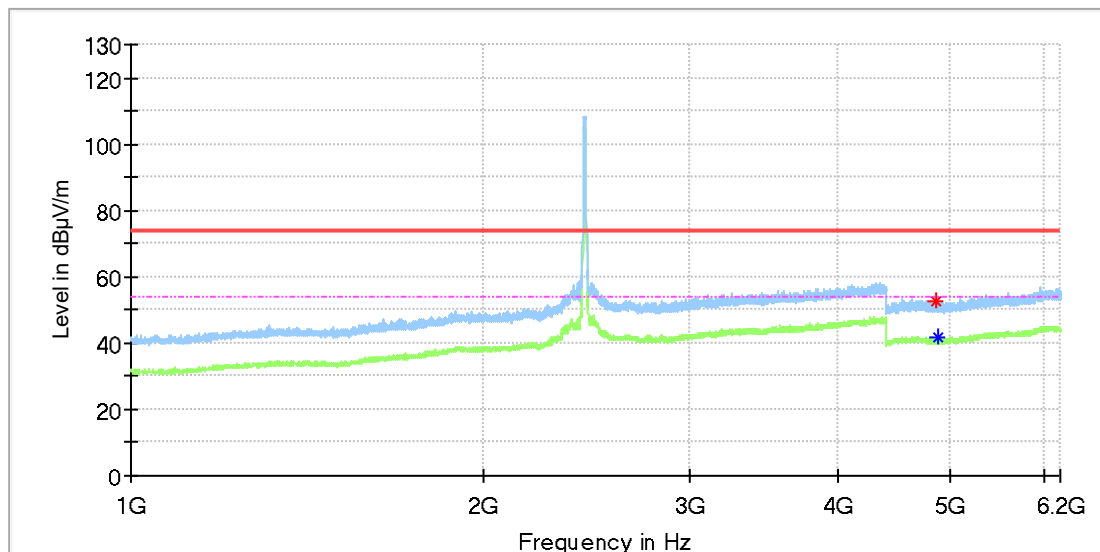
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7213.816667	---	36.61	54.00	17.39	150.0	V	81.0	8.7
7218.241667	44.46	---	74.00	29.54	150.0	V	338.0	8.7
12130.483333	49.99	---	74.00	24.01	150.0	V	348.0	16.2
12144.250000	---	43.55	54.00	10.45	150.0	V	294.0	16.6

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

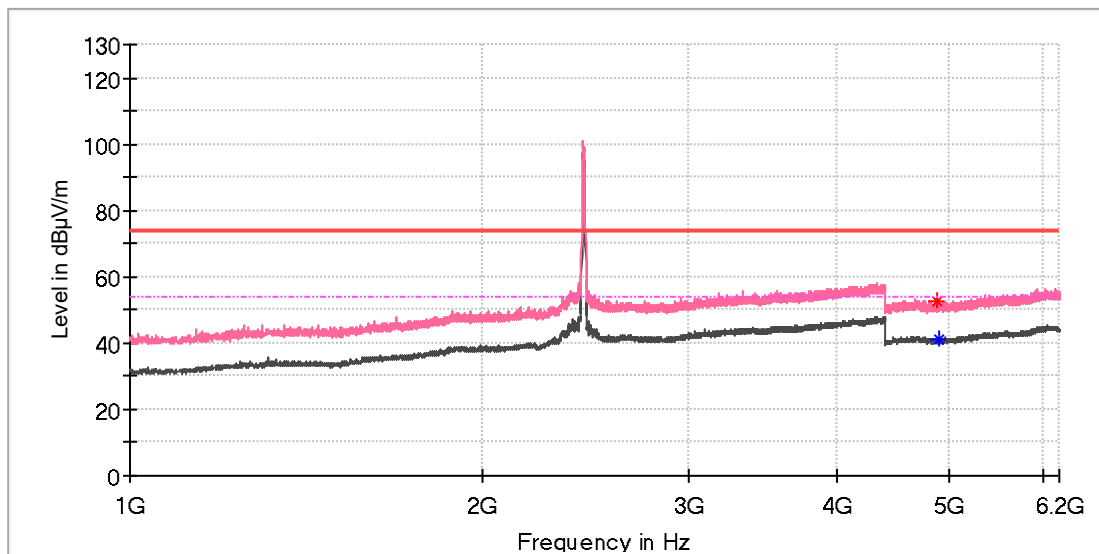
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4861.000000	52.75	---	74.00	21.25	150.0	H	290.0	13.3
4874.000000	---	41.84	54.00	12.16	150.0	H	175.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

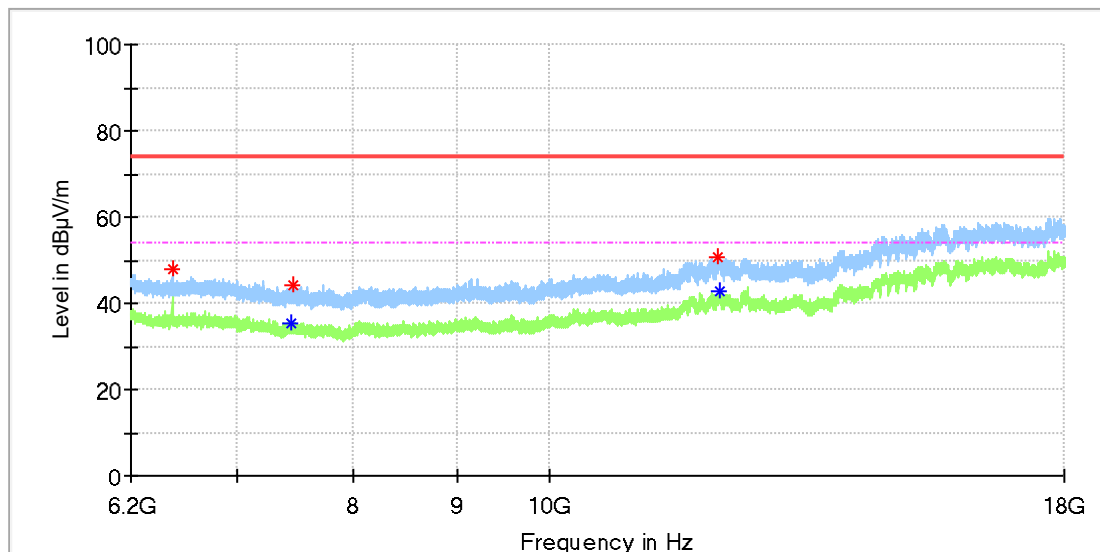
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	52.81	---	74.00	21.19	150.0	V	132.0	13.3
4900.500000	---	41.38	54.00	12.62	150.0	V	314.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

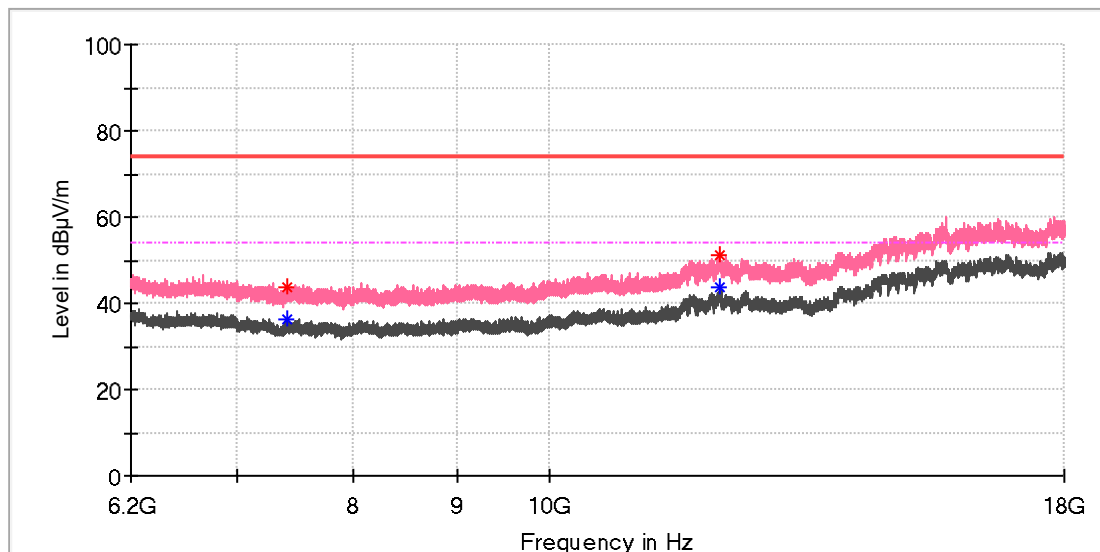
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6498.441667	47.80	---	68.20	20.40	150.0	H	343.0	8.8
7450.308333	---	35.57	54.00	18.43	150.0	H	52.0	8.5
7459.650000	44.21	---	74.00	29.79	150.0	H	83.0	8.5
12124.091667	50.67	---	74.00	23.33	150.0	H	39.0	16.1
12144.741667	---	42.93	54.00	11.07	150.0	H	0.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5		93.5-94.5	93.5-94.5

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

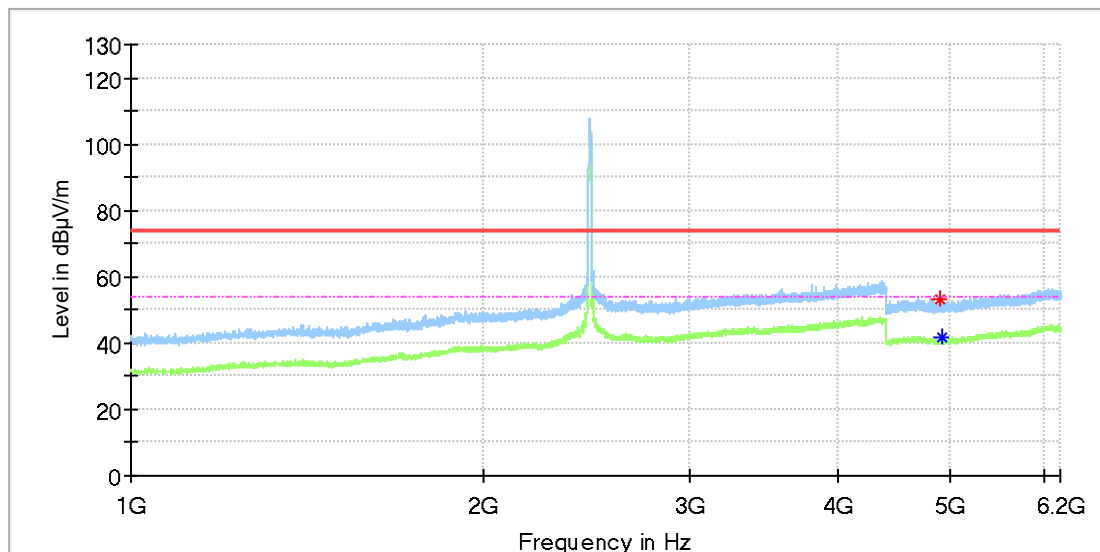
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7417.366667	43.84	---	74.00	30.16	150.0	V	179.0	8.3
7417.366667	---	36.10	54.00	17.90	150.0	V	179.0	8.3
12149.166667	51.08	---	74.00	22.92	150.0	V	311.0	16.7
12153.591667	---	43.85	54.00	10.15	150.0	V	346.0	16.5

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

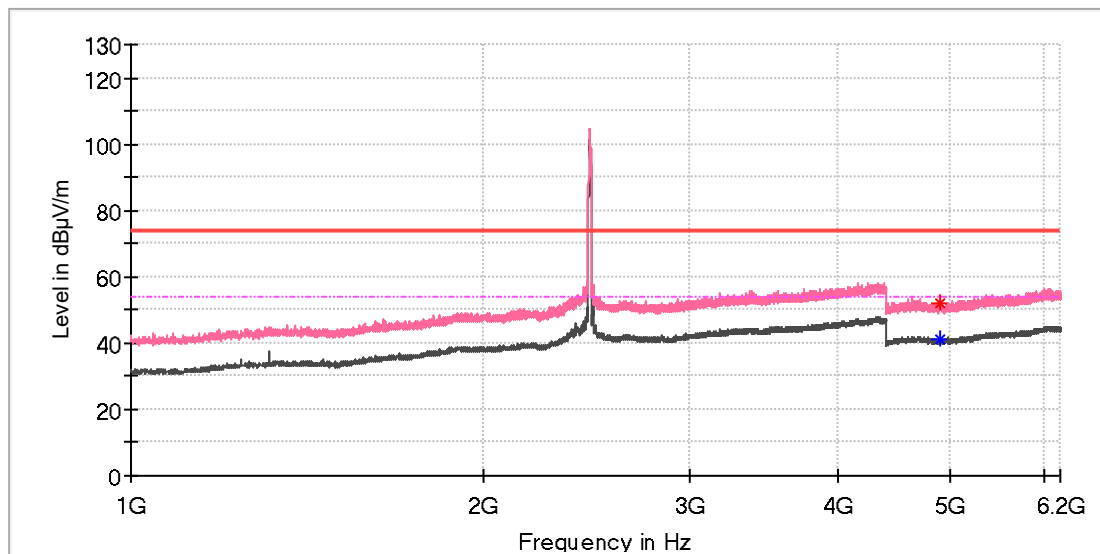
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4896.000000	53.31	---	74.00	20.69	150.0	H	124.0	13.3
4924.000000	---	41.85	54.00	12.15	150.0	H	21.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

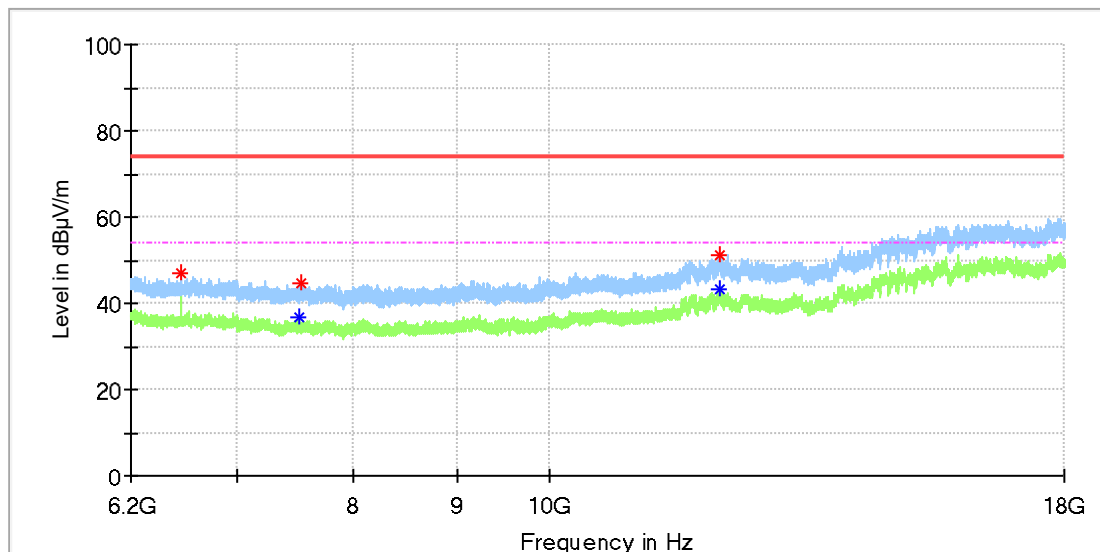
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4903.000000	---	41.39	54.00	12.61	150.0	V	213.0	13.3
4906.500000	51.99	---	74.00	22.01	150.0	V	8.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

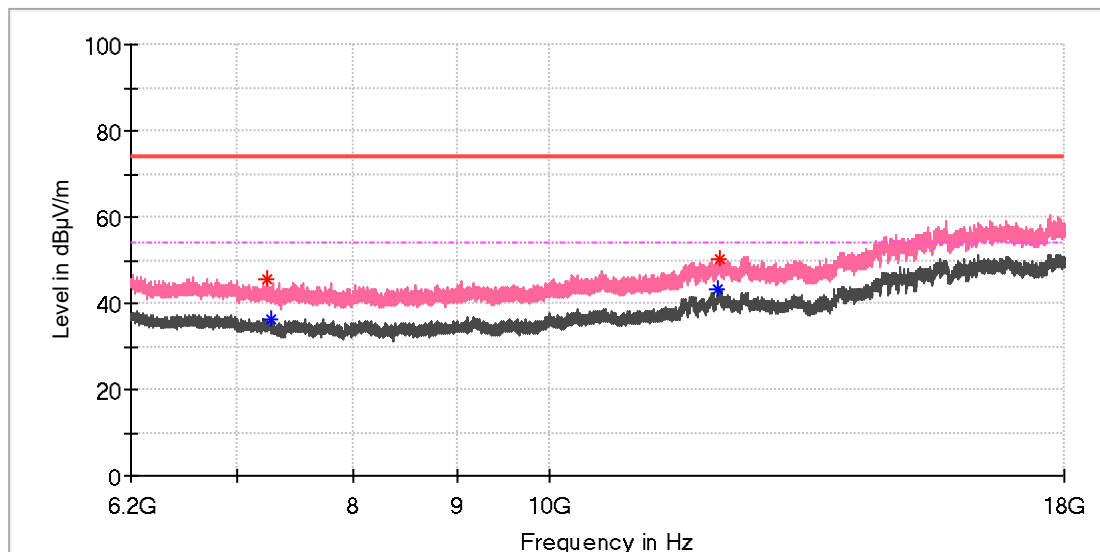
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6565.308333	47.01	---	68.20	21.19	150.0	H	1.0	8.7
7505.375000	---	36.68	54.00	17.32	150.0	H	276.0	8.7
7523.566667	44.52	---	74.00	29.48	150.0	H	143.0	8.7
12144.250000	50.99	---	74.00	23.01	150.0	H	224.0	16.6
12152.116667	---	43.46	54.00	10.54	150.0	H	201.0	16.6

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.500000	93.500000	93.500000	93.500000	93.500000	93.500000		93.500000	93.500000

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7248.725000	45.39	---	74.00	28.61	150.0	V	232.0	8.5
7272.816667	---	36.15	54.00	17.85	150.0	V	0.0	8.4
12128.025000	---	43.06	54.00	10.94	150.0	V	307.0	16.2
12146.708333	50.41	---	74.00	23.59	150.0	V	155.0	16.6

Final_Result

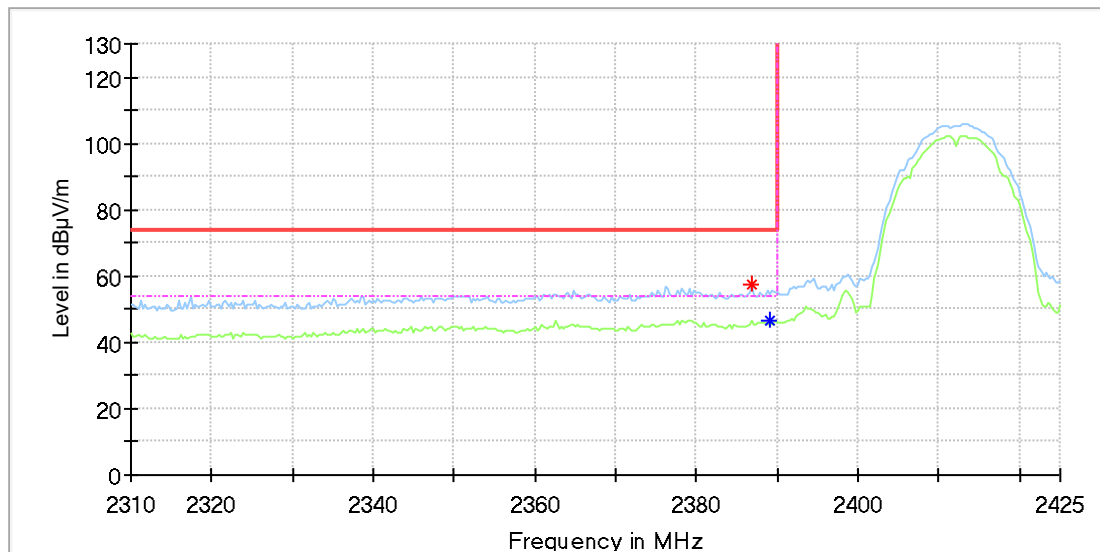
[illegible]

Appendix A.7: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

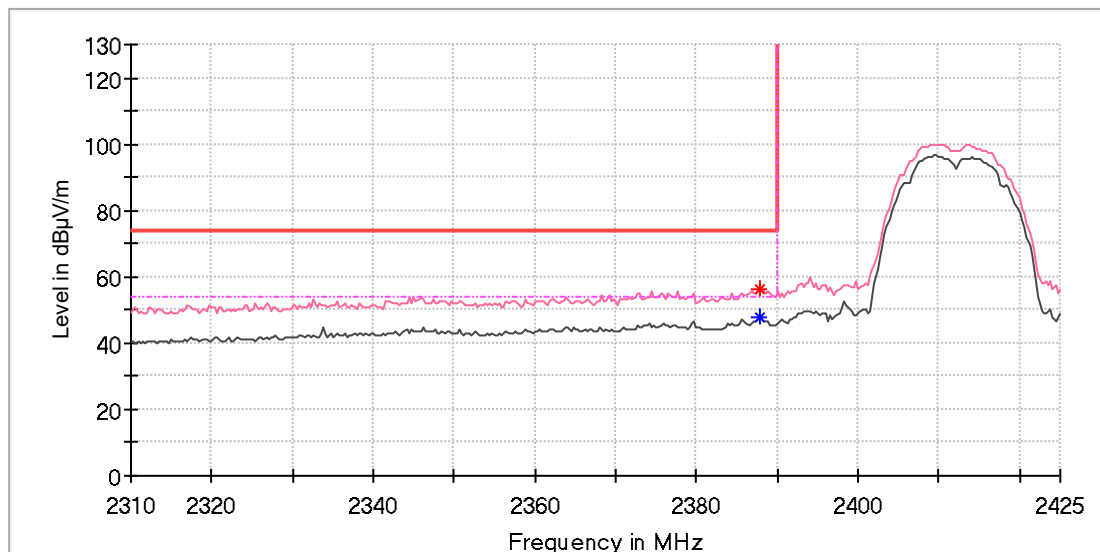
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.764706	57.15	---	74.00	16.85	150.0	H	1.0	8.5
2389.117647	---	46.78	54.00	7.22	150.0	H	0.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.0-93.5	93.0-93.5	93.0-93.5	93.0-93.5	93.0-93.5	93.0-93.5		93.0-93.5	93.0-93.5

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

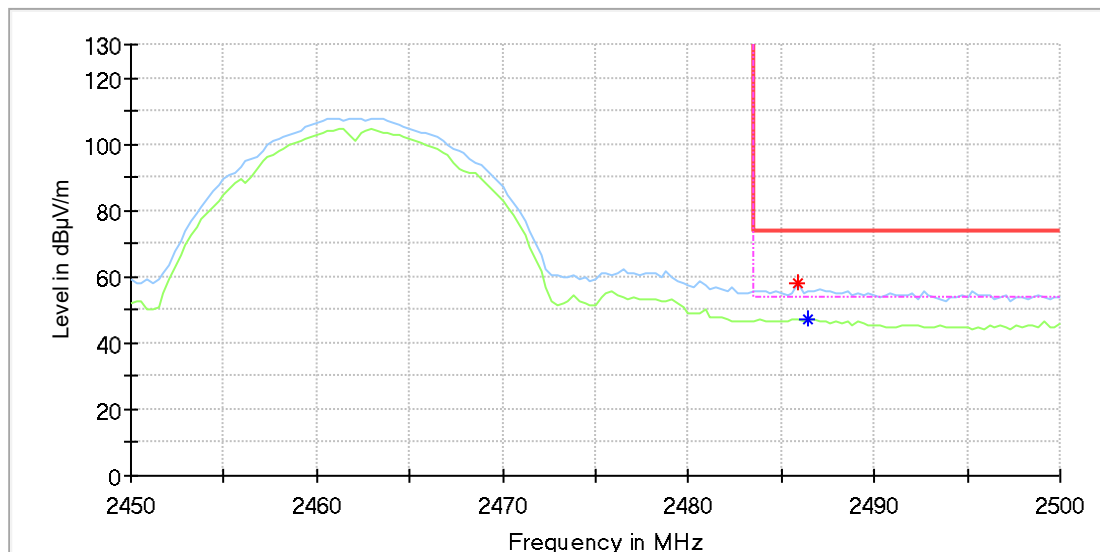
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.941177	56.28	---	74.00	17.72	150.0	V	225.0	8.5
2387.941177	---	47.48	54.00	6.52	150.0	V	225.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

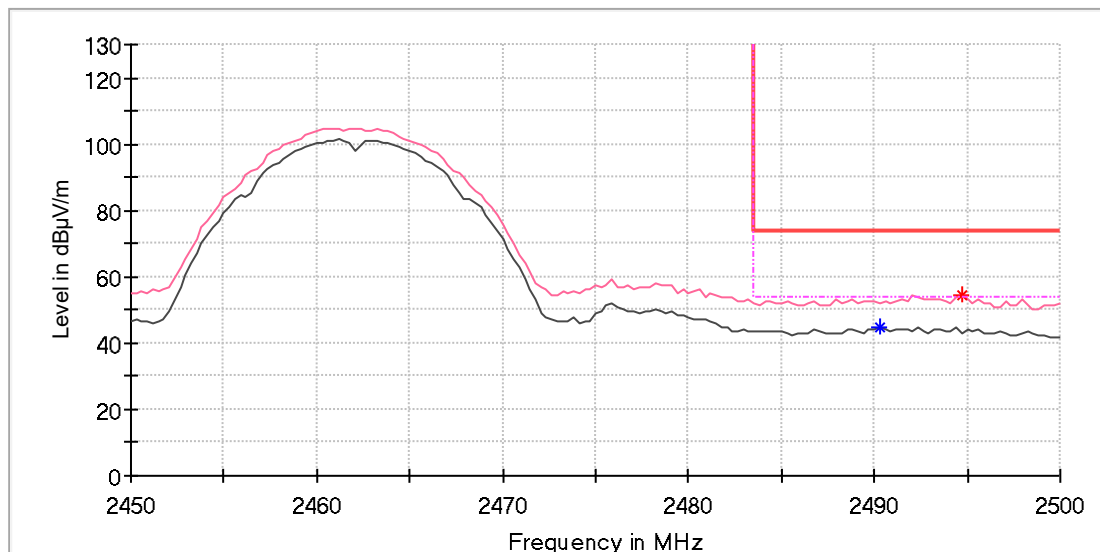
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.882353	58.15	---	74.00	15.85	150.0	H	105.0	9.0
2486.470588	---	47.09	54.00	6.91	150.0	H	80.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2490.294118	---	45.00	54.00	9.00	150.0	V	324.0	9.0
2494.705882	54.40	---	74.00	19.60	150.0	V	227.0	9.0

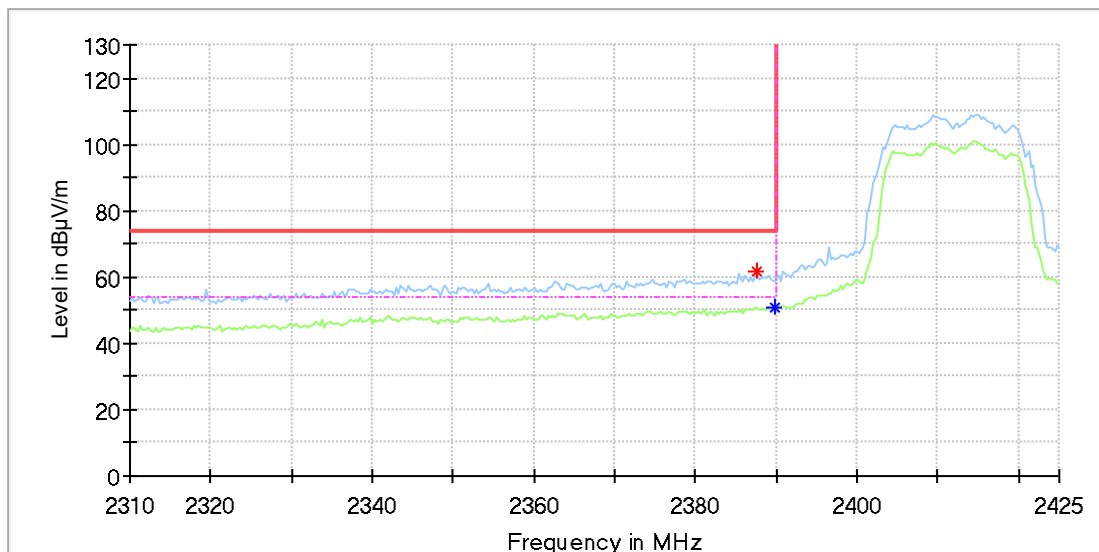
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7		93.5-93.7	

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

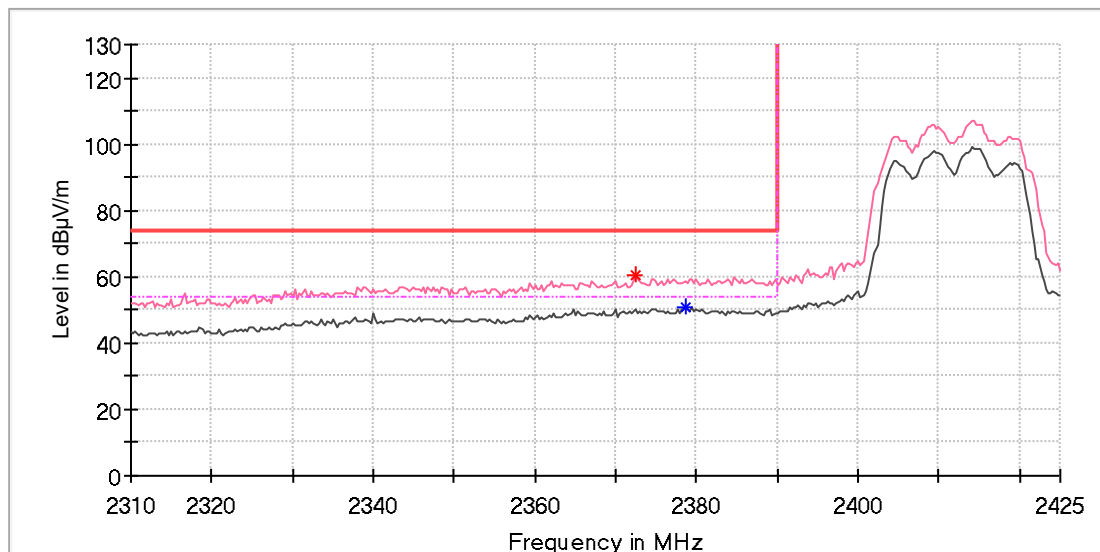
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.647059	61.51	---	74.00	12.49	150.0	H	1.0	8.5
2389.705882	---	50.87	54.00	3.13	150.0	H	4.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	120.00 dBμV/m	110.00 dBμV/m	120.00 dBμV/m	0.00 dB	30.00 cm			

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

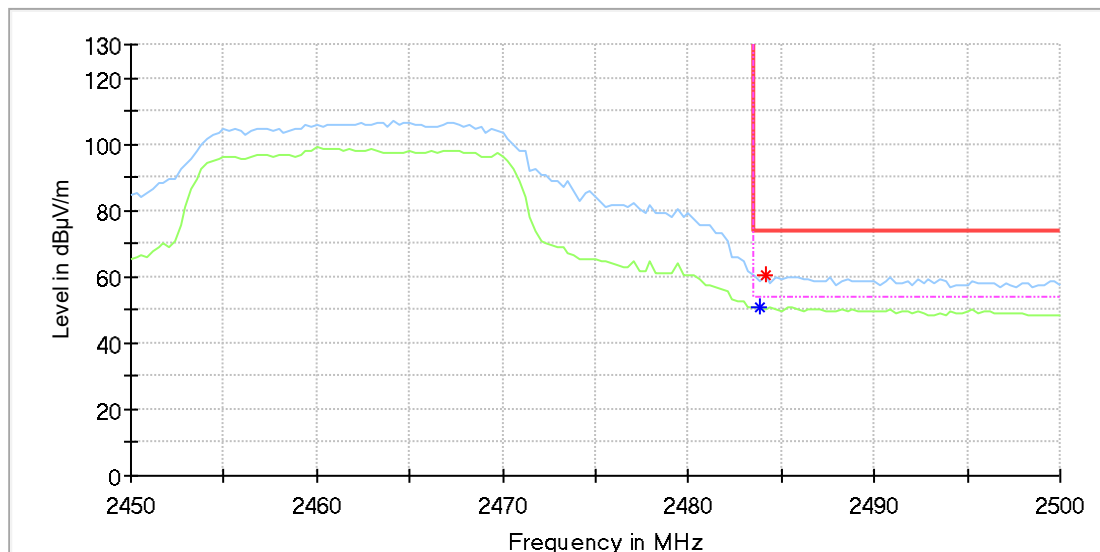
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2372.352941	60.24	---	74.00	13.76	150.0	V	221.0	8.5
2378.529412	---	50.90	54.00	3.10	150.0	V	227.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6		93.5-93.6	

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

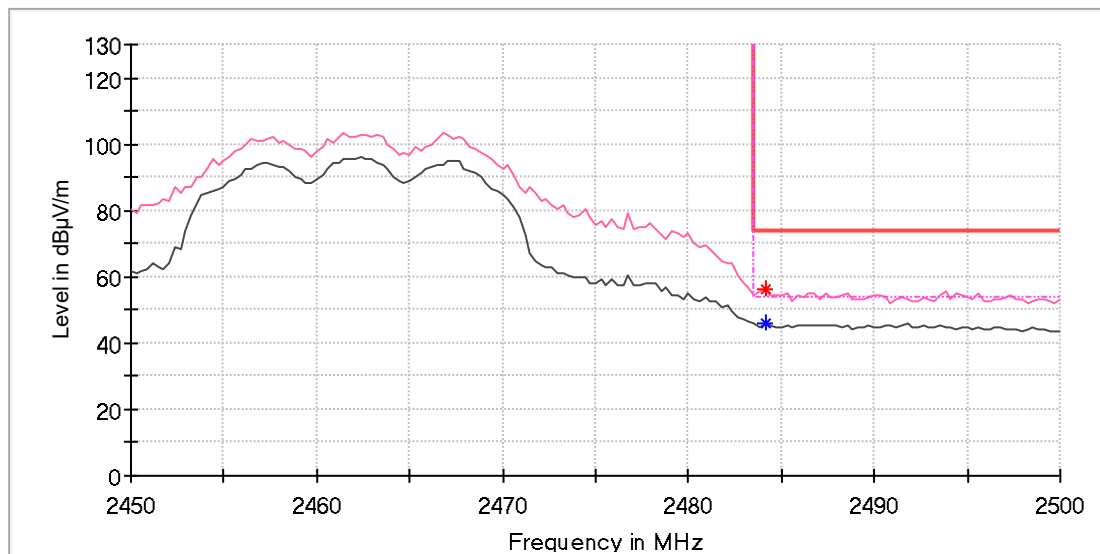
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	50.91	54.00	3.09	150.0	H	76.0	9.0
2484.117647	60.25	---	74.00	13.75	150.0	H	70.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	---	46.10	54.00	7.90	150.0	V	226.0	9.0
2484.117647	56.19	---	74.00	17.81	150.0	V	226.0	9.0

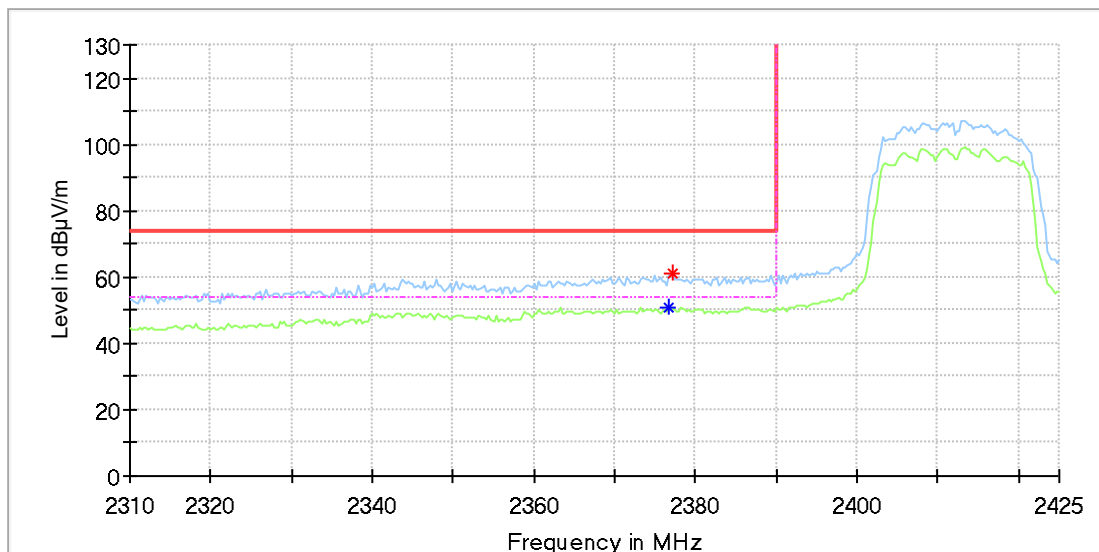
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

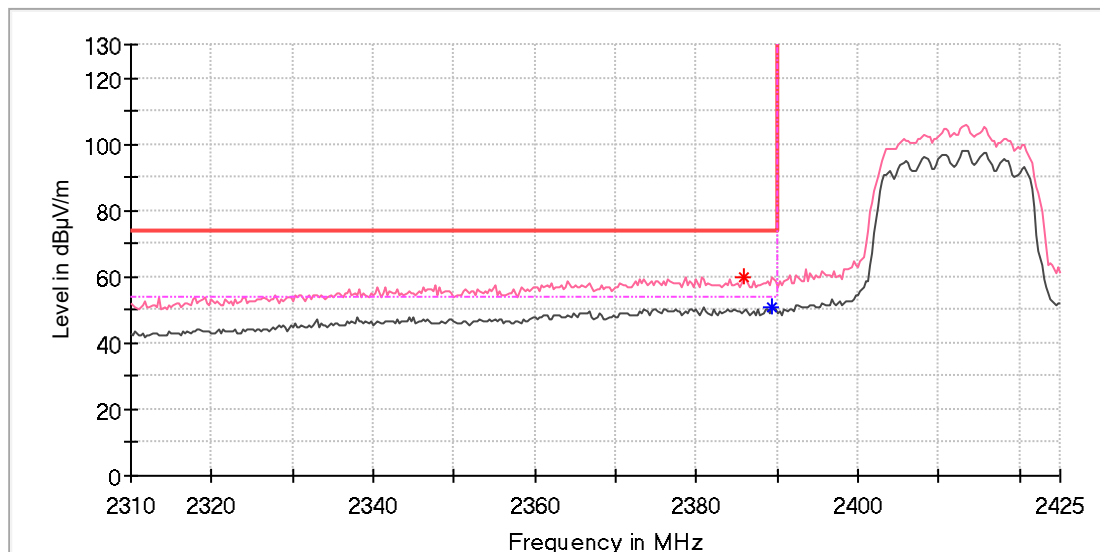
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2376.764706	---	50.95	54.00	3.05	150.0	H	38.0	8.5
2377.058824	61.11	---	74.00	12.89	150.0	H	38.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	128.00 dBμV/m	128.00 dBμV/m	128.00 dBμV/m	0.00 dB	30.00 cm			

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

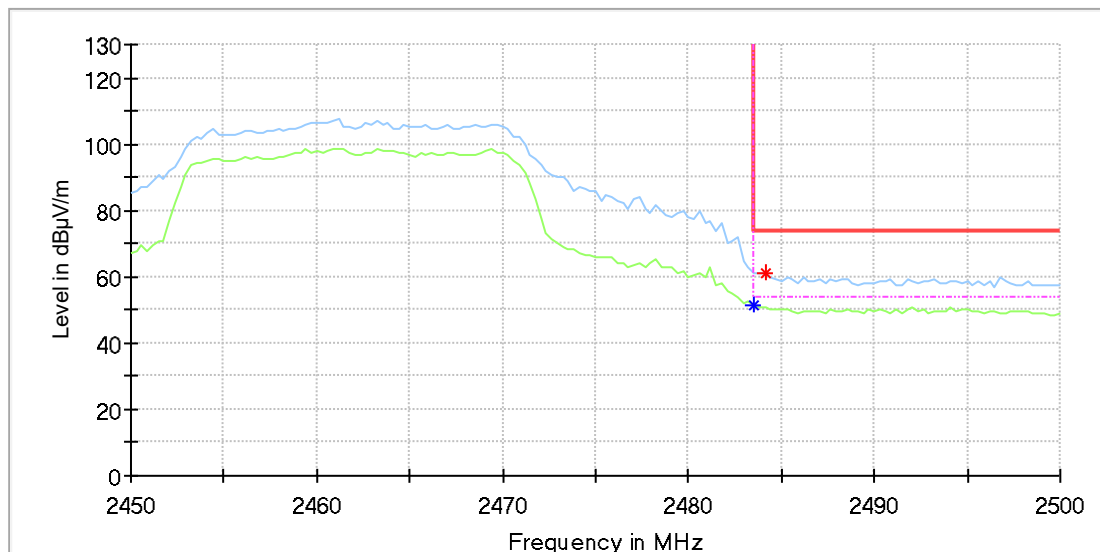
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.882353	59.96	---	74.00	14.04	150.0	V	220.0	8.5
2389.411765	---	51.06	54.00	2.94	150.0	V	220.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

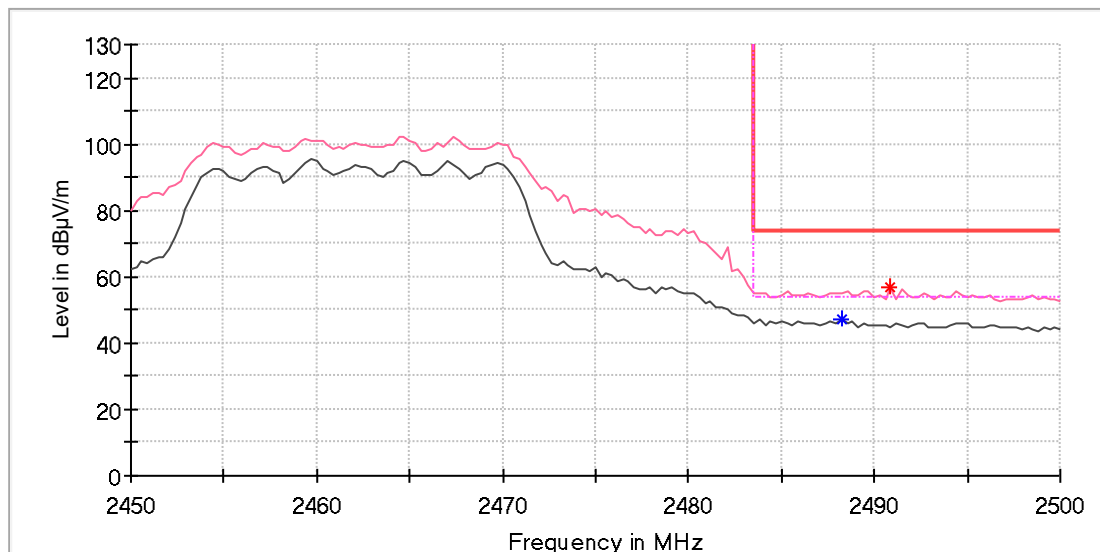
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	51.18	54.00	2.82	150.0	H	89.0	9.0
2484.117647	61.03	---	74.00	12.97	150.0	H	89.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5		93.5-94.5	93.5-94.5

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.235294	---	47.14	54.00	6.86	150.0	V	225.0	9.0
2490.882353	56.82	---	74.00	17.18	150.0	V	312.0	9.0

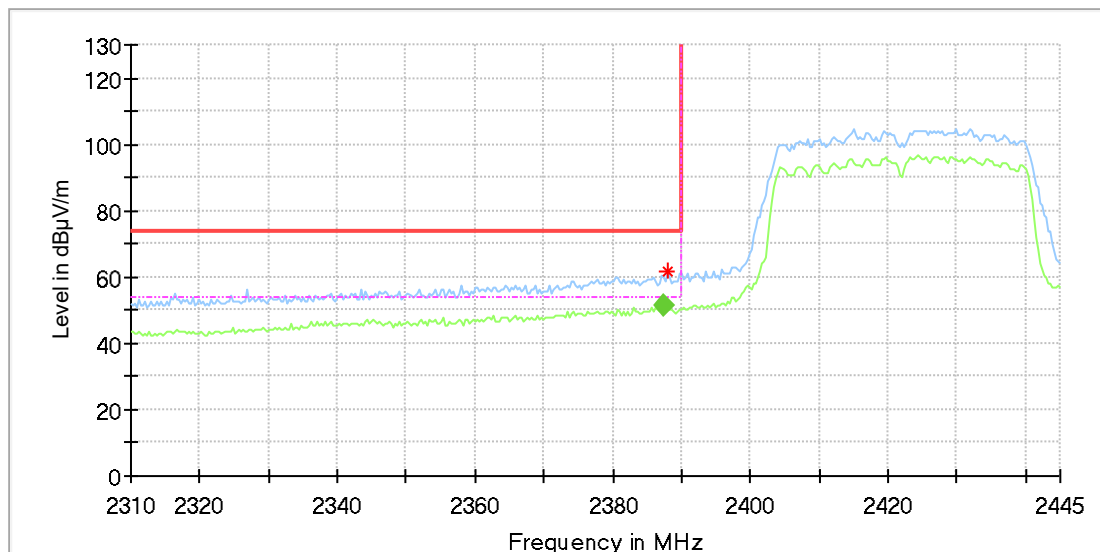
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7		93.5-93.7	

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

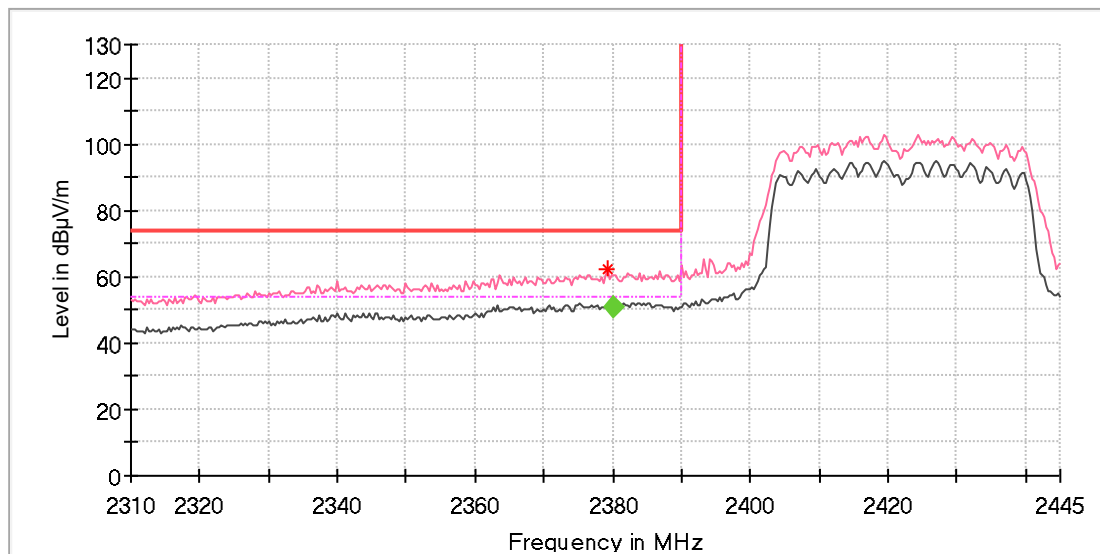
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.941177	61.63	---	74.00	12.37	150.0	H	29.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.392795	---	51.53	54.00	2.47	150.0	H	29.0	8.5

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT0QM2511
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168570821/A004089979-001
Test Voltage: DC 5V From USB
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

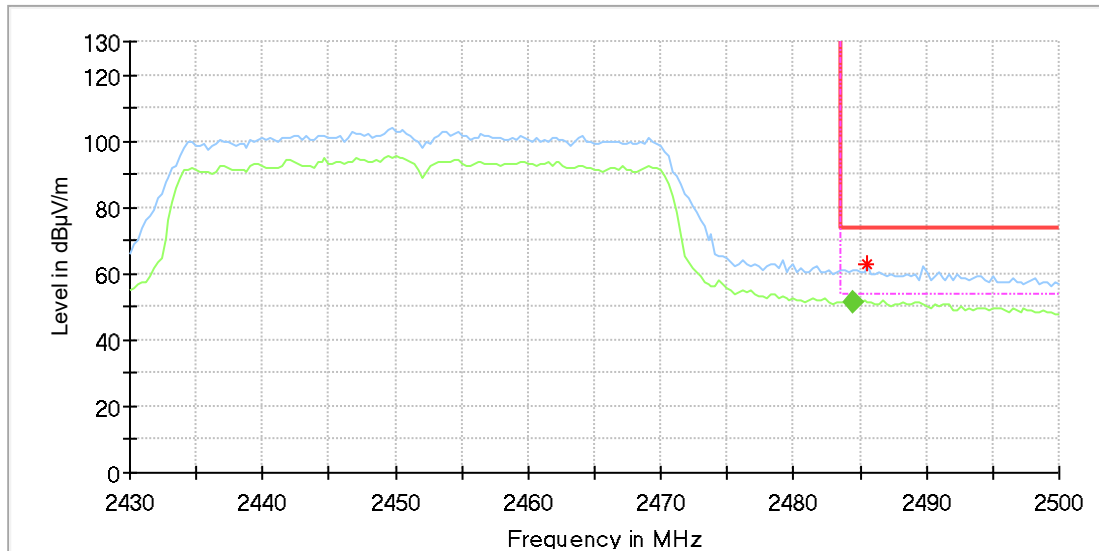
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2379.117647	62.26	---	74.00	11.74	150.0	V	229.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.060147	---	51.03	54.00	2.97	150.0	V	222.0	8.5

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT0QM2511
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168570821/A004089979-001
Test Voltage: DC 5V From USB
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

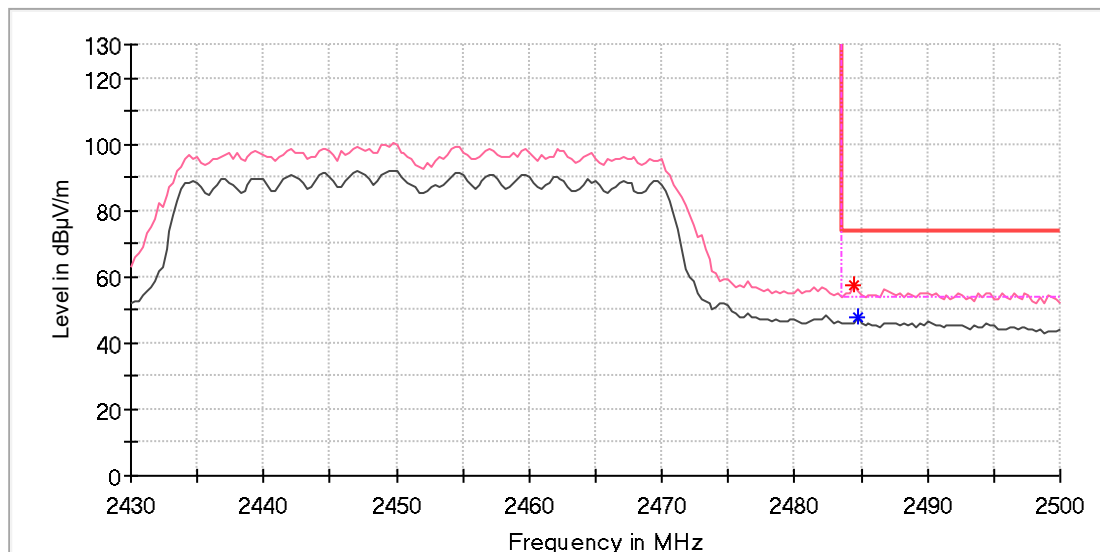
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.588235	62.59	---	74.00	11.41	150.0	H	94.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.411765	---	51.26	54.00	2.74	150.0	H	88.0	9.0

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.411765	57.19	---	74.00	16.81	150.0	V	280.0	9.0
2484.705882	---	48.02	54.00	5.98	150.0	V	325.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m